

10/582109

AP3 Rec'd PCT/PTO 08 JUN 2008

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q83261

Hiroshi OSAWA, et al.

Appln. No.: Based on PCT/JP2005/014876

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: June 8, 2006

Examiner: Unknown

For: MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING AND
REPRODUCING DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: Based on PCT/JP2005/014876

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of an English-language International Search Report from the International Searching Authority in the International Application citing such documents, including at least that portion of the International Search Report indicating the degree of relevance found by the International Searching Authority. Additionally, English language abstracts, submitted herewith, for JP-A-4-205916 and for the non-patent literature by Y. SHIROISHI, and English language abstracts and computer generated translations, submitted herewith, for JP-A-2004-086936, JP-A-2001-331934, JP-A-2001-176047, JP-B1-3117438 (corresponding to Japanese Patent Application Publication No. 2001-009694), and JP-A-2001-209927 constitute concise statements of relevance. Further, the non-patent literature by Y. SHIROISHI, JP-B1-3117438, JP-A-4-205916, JP-A-2001-209927, and JP-A-2004-86936 are cited on page 3 in the specification of the present application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

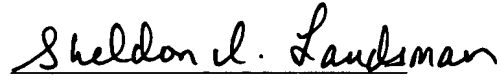
10/582109

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U.S. Appln. No.: Based on PCT/JP2005/014876

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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Date: June 8, 2006

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Based on PCT/JP2005/014876
				Confirmation Number	Unknown
				Filing Date	June 8, 2006
				First Named Inventor	Hiroshi OSAWA
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	Q83261

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,993,956	A	11-30-1999	D. N. LAMBETH, et al.
		US 2004/0037005	A1	02-26-2004	H. OSAWA
		US 2001/0031383	A1	10-18-2001	A. SAKAWAKI, et al.
		US 6,667,051	B1	01-13-2004	B. R. ACHARYA, et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	2004-86936	A	03-18-2004	Showa Denko K.K.	Abstract & computer translation
		JP	2001-331934	A	11-30-2001	Showa Denko K.K.	Abstract & computer translation
		JP	2001-176047	A	06-29-2001	Fujitsu Limited	Abstract & computer translation
		WO	03/083840	A1	10-09-2003	Fujitsu Limited	
		JP	3117438	B1	10-06-2000	Nihon Micro Coating Co. Ltd.	Abstract & computer translation
		JP	4-205916	A	07-28-1992	Victor Co of Japan Ltd	Abstract
		JP	2001-209927	A	08-03-2001	Asahi Komagu K.K.	Abstract & computer translation

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Y. SHIROISHI, et al., "Recent Progress in Rigid Disk Media for Longitudinal High-Density Magnetic Recording", Central Research Lab., Hitachi Ltd., Journal of Japan Applied Magnetism Society, Vol. 17, No. 5, 1993 pp. 784-791	
		J. ZHU, et al., "Computer Modeling of the Write Process in Perpendicular Recording", IEEE Transactions on Magnetics, Vol. Mag-22, No. 5, September 1986, pp. 379-381	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.